REQUEST ● COMMUNI

TRANSMIT DATA

1 CQES

2 MLDS

MODULATION LEVEL BROADCAST SIGNAL

3 EDBAS

4 ECCS

EXTRACT REPEAT REQUEST SIGNAL

RECEIVED DATA

5 BUFFER

n

6-2 MODULATION SECTION

6-1 MODULATION SECTION

7

8 RADIO TRANS-MISSION SECTION

9

10 RADIO RECEPTION SECTION

11 DEMODULATION SECTION

EXTRACT MODULATION LEVEL BROADCAST SIGNAL

14-2 DEMODULATION SECTION

14-1 DEMODULATION SECTION

13 RADIO RECEPTION SECTION

12

15 ERROR CORRECTING DECODING SECTION

n

16 ERROR DETECT-ING SECTION

n RECEIVED DATA

REPEAT REQUEST SIGNAL

TRANSMIT DATA

17 MODULATION SECTION

18 RADIO TRANSMISSION SECTION

n

FIG.1

FIG.2

000000　000010　001010　001000　101000　101010　100010　100000

000001　000011　001011　001001　101001　101011　100011　100001

000101　000111　001111　001101　101101　101111　100111　100101

000100　000110　001110　001100　101100　101110　100110　100100

010100　010110　011110　011100　111100　111110　110110　110100

010101　010111　011111　011101　111101　111111　110111　110101

010001　010011　011011　011001　111001　111011　110011　110001

010000　010010　011010　011000　111000　111010　110010　110000

FIG.3

FIG.4A DEMODULATION
OF S0 IS POSSIBLE

FIG.4B DEMODULATION
OF S1 IS POSSIBLE
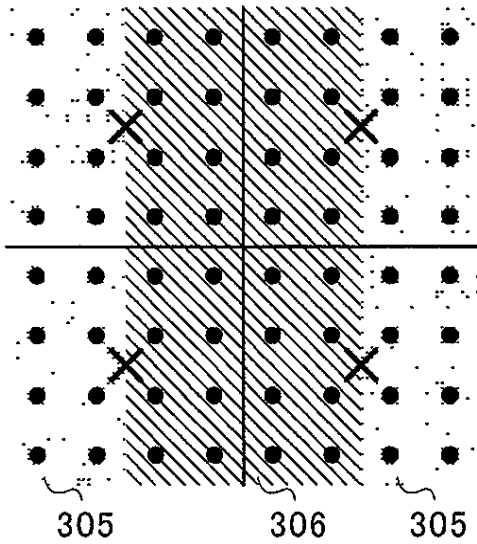
FIG.4C DEMODULATION
OF S2 IS POSSIBLE
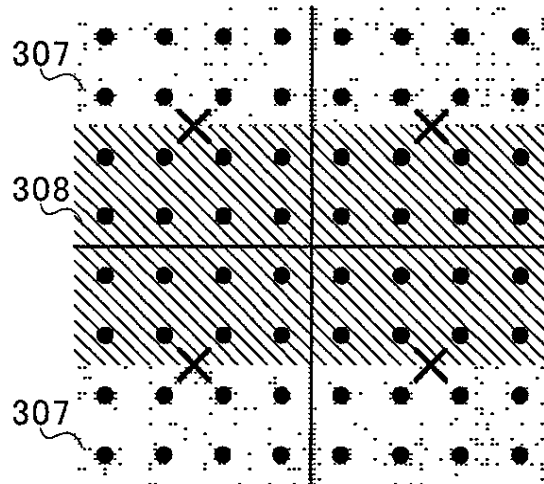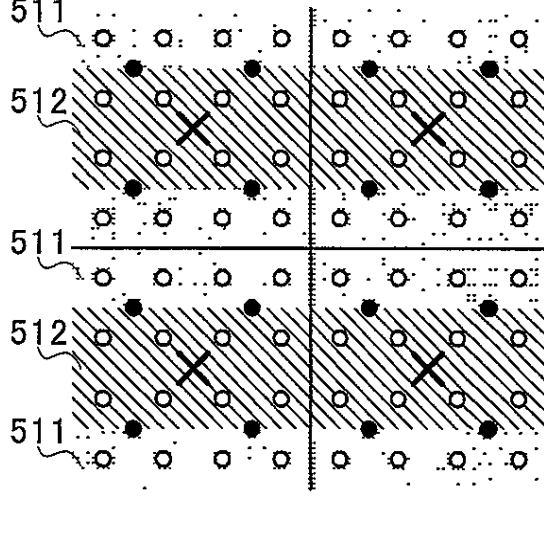
FIG.4D DEMODULATION
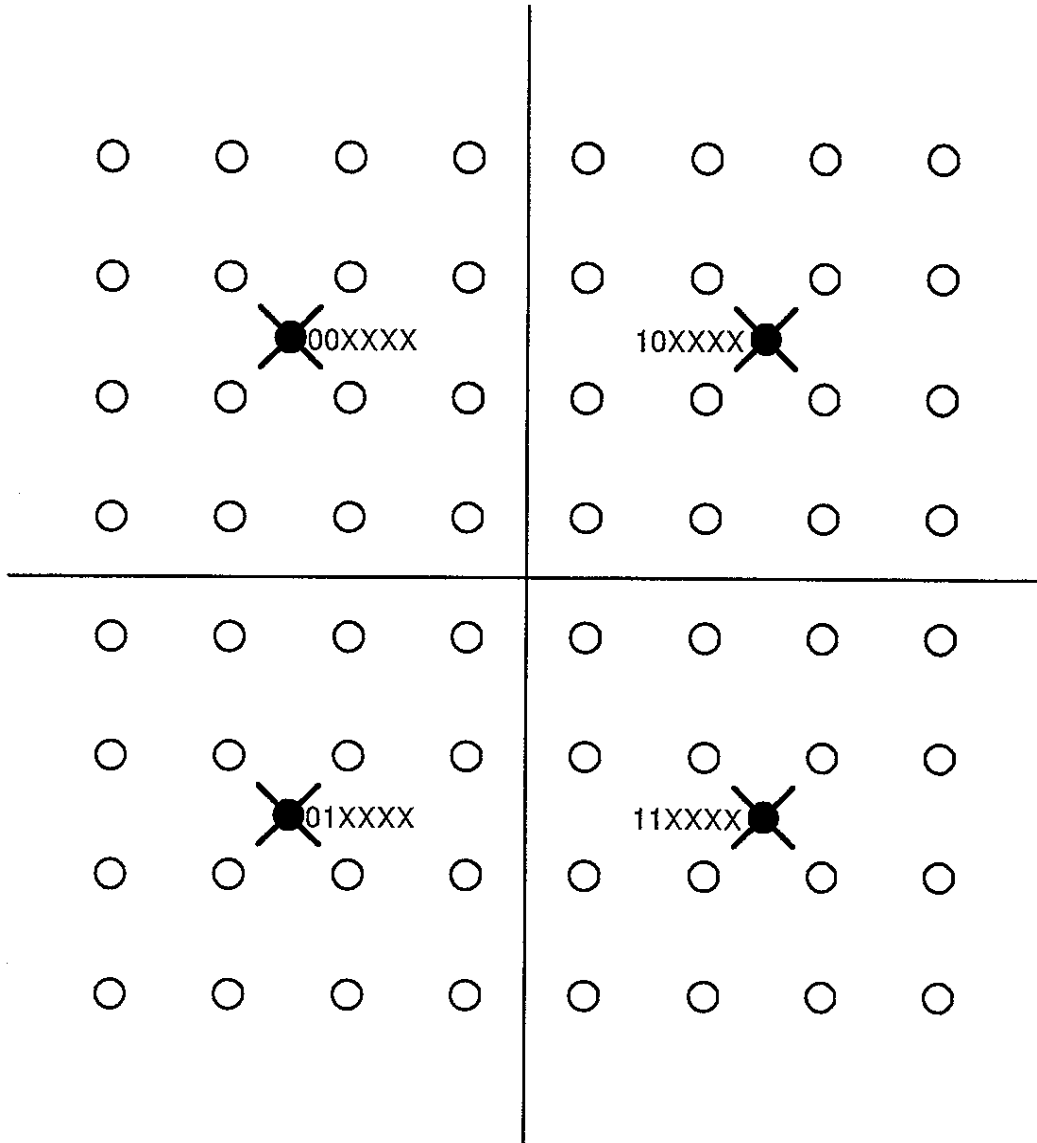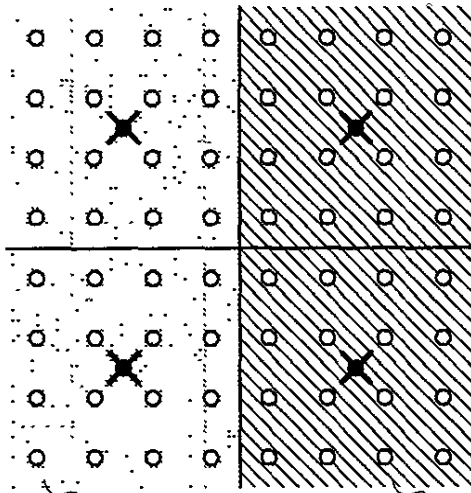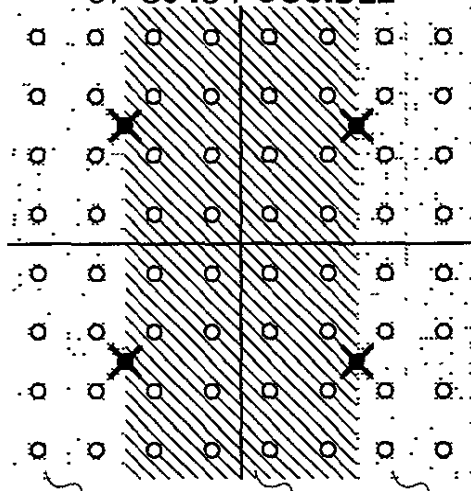OF S3 IS POSSIBLE
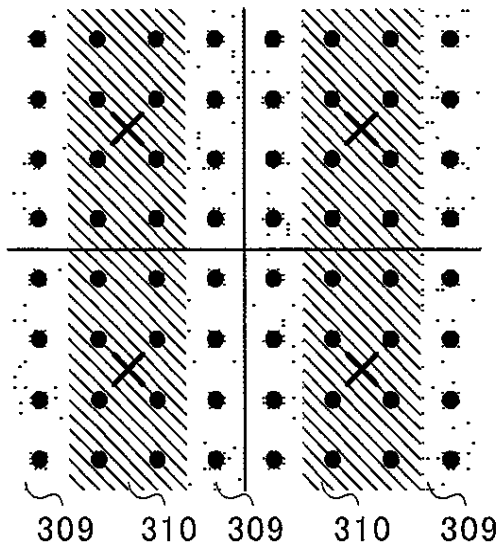
FIG.4E DEMODULATION
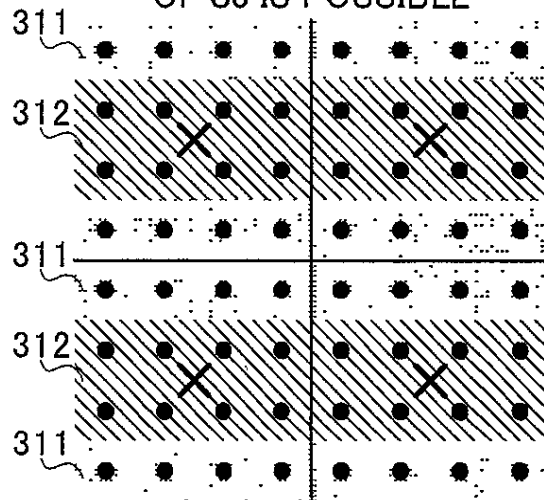
FIG.4F DEMODULATION

FIG.5

501   502
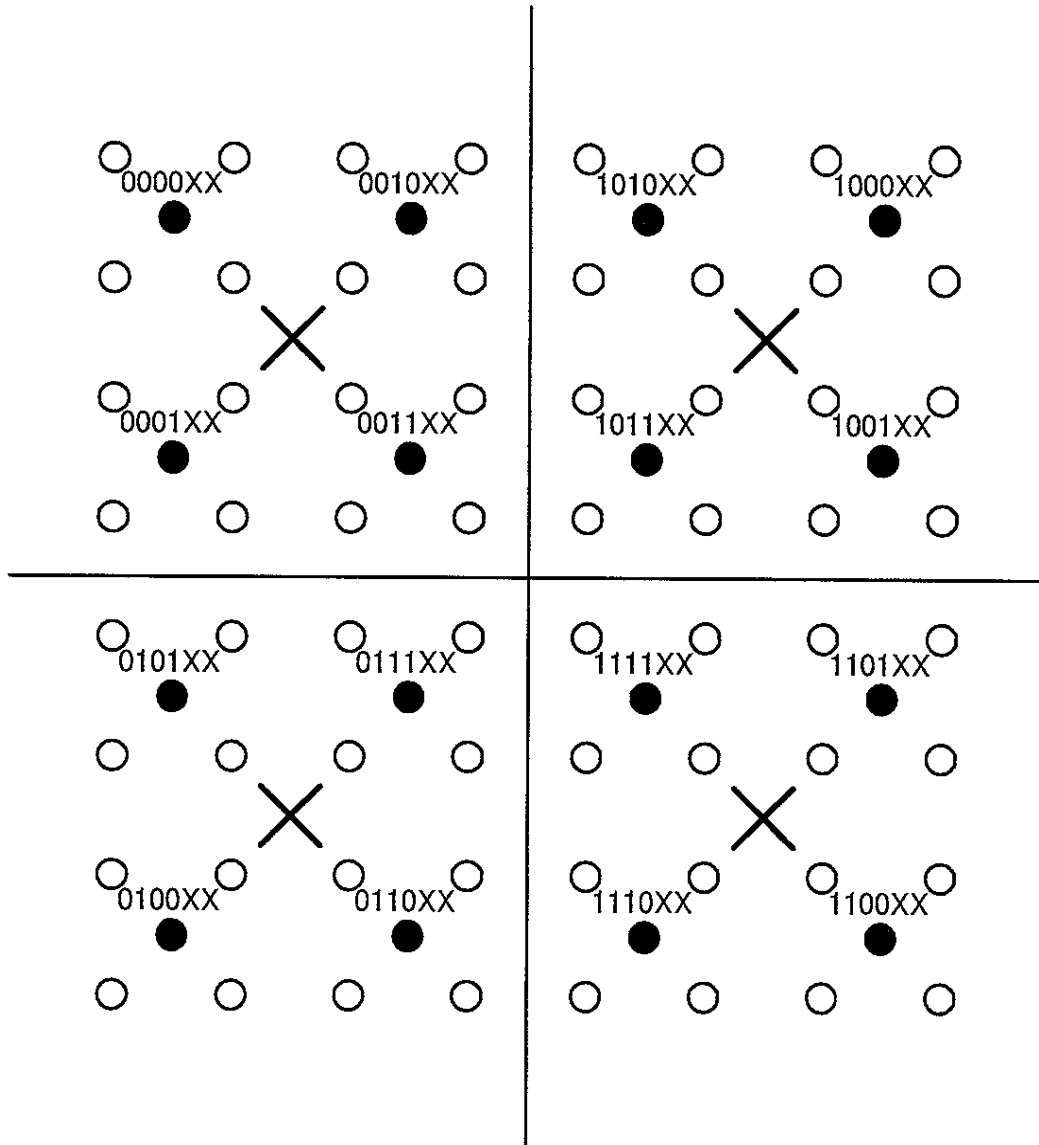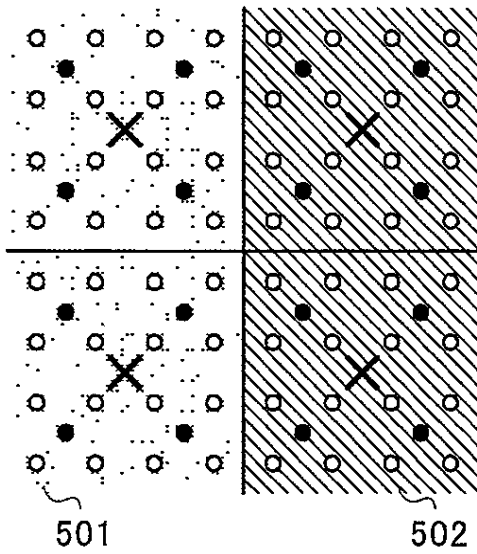
FIG.6A DEMODULATION OF S0 IS POSSIBLE

503
504
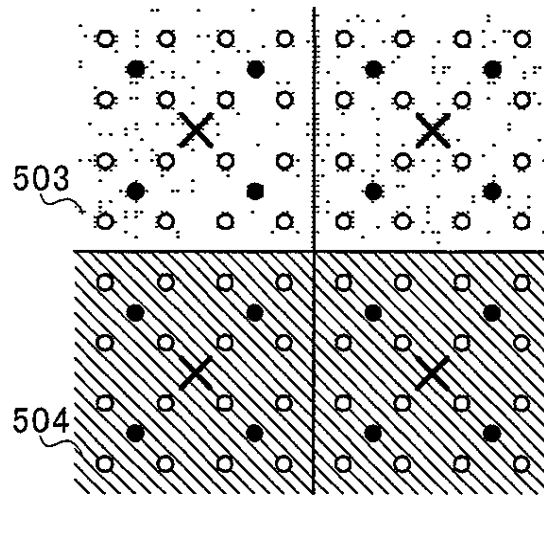
FIG.6B DEMODULATION OF S1 IS POSSIBLE

505   506   505
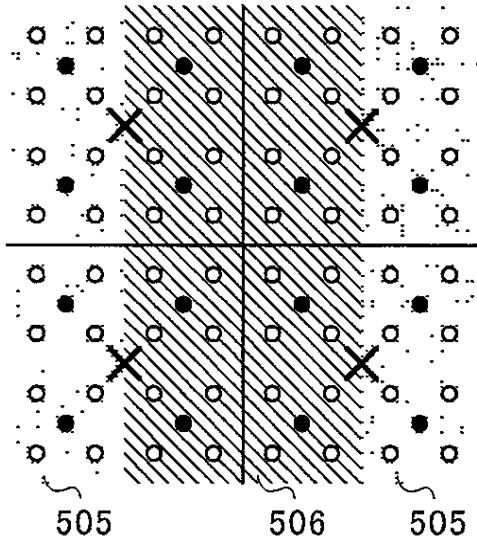
FIG.6C DEMODULATION OF S2 IS POSSIBLE

507
508
507
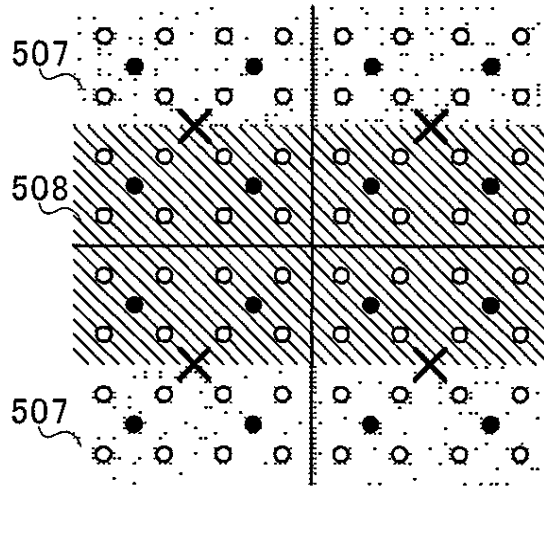
FIG.6D DEMODULATION OF S3 IS POSSIBLE

509   510   509   510   509
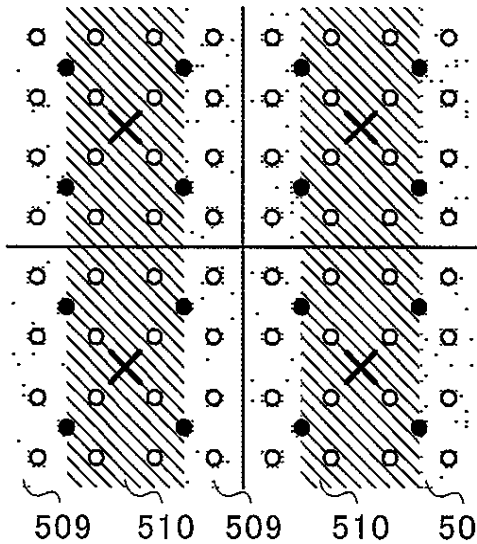
FIG 6E DEMODULATION

511
512
511
512
511

FIG 6F DEMODULATION

FIG.7

FIG.8A DEMODULATION
OF S0 IS POSSIBLE

FIG.8B DEMODULATION
OF S1 IS POSSIBLE

FIG.8C DEMODULATION
OF S2 IS IMPOSSIBLE
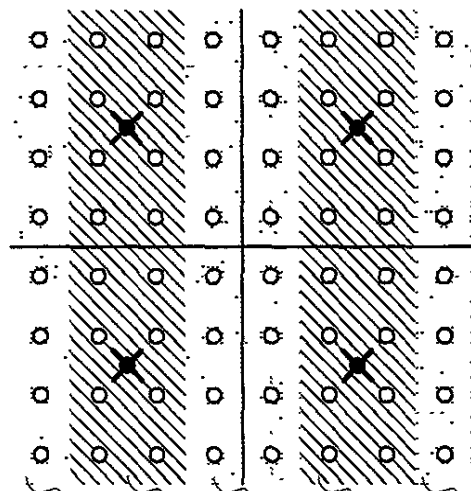
FIG.8D DEMODULATION
OF S3 IS IMPOSSIBLE

FIG 8E DEMODULATION

FIG.8F DEMODULATION

FIG.9

FIG.10

FIG.11

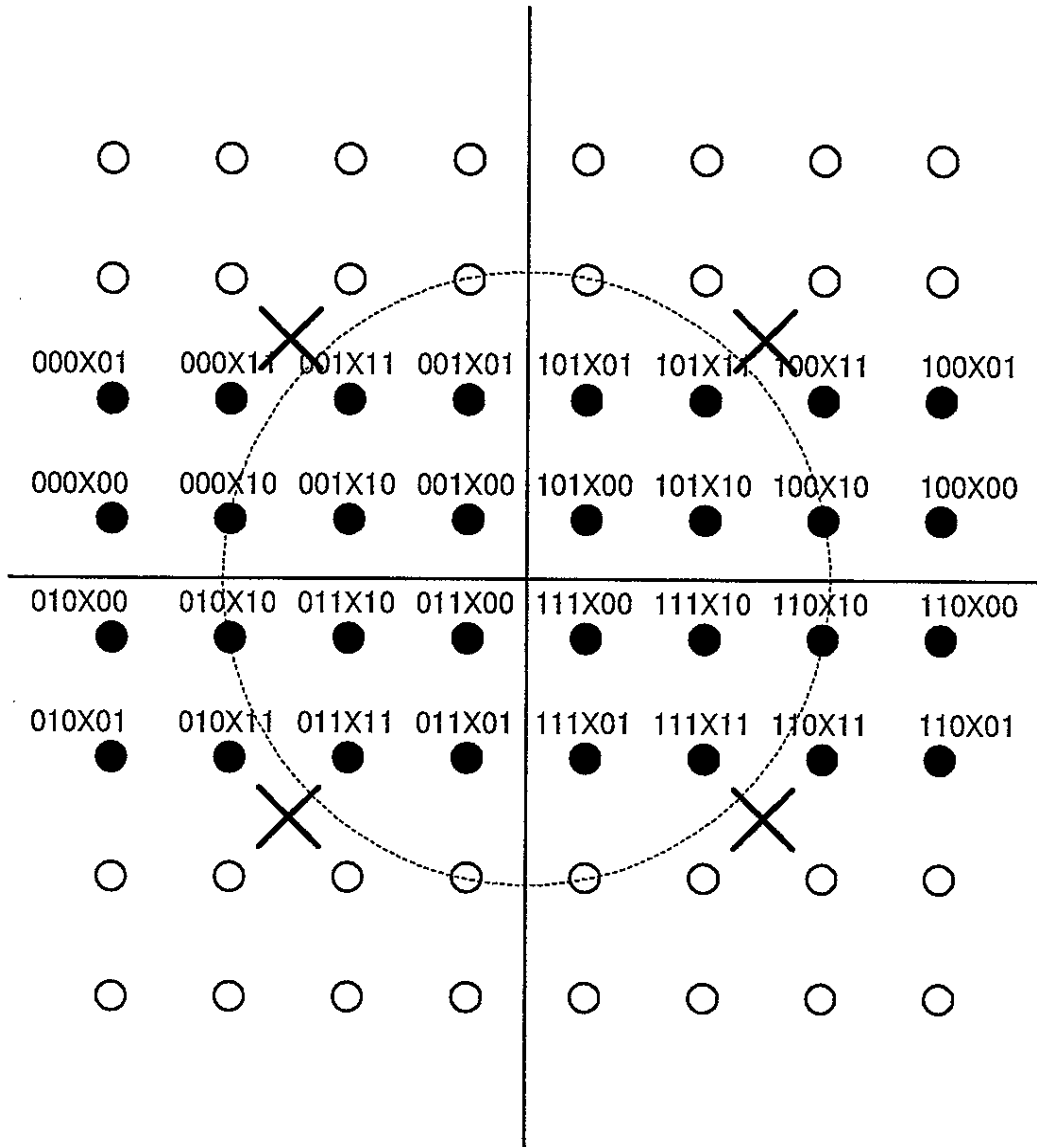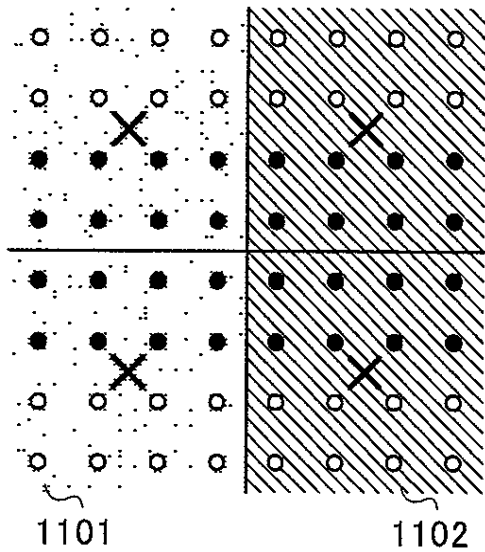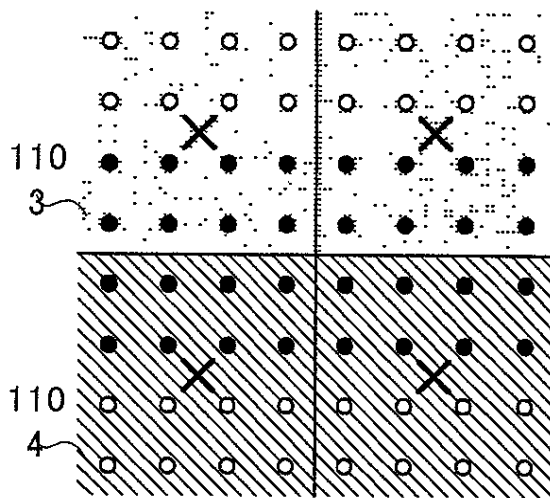1101   1102

FIG.12A DEMODULATION
OF S0 IS POSSIBLE

FIG.12B DEMODULATION
OF S1 IS POSSIBLE
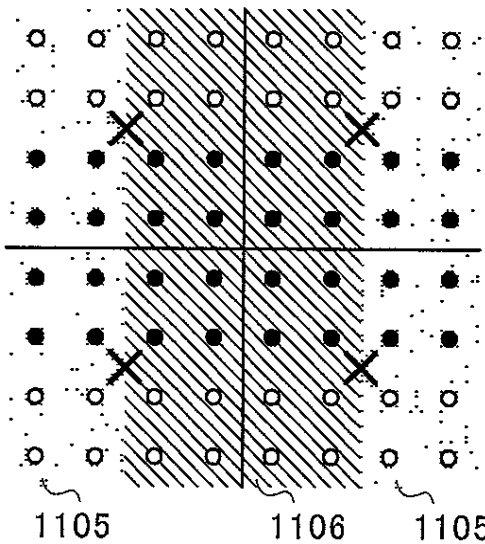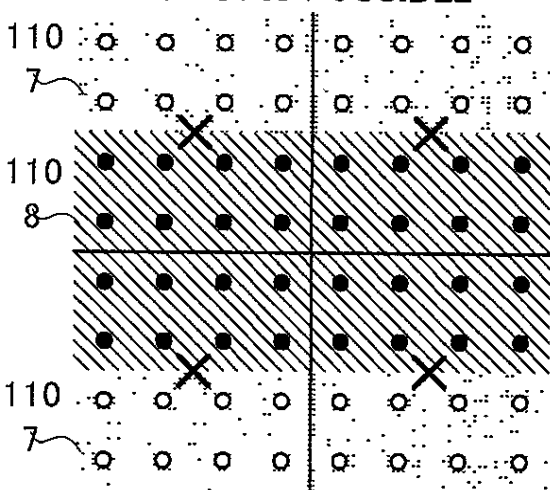
1105   1106   1105

FIG.12C DEMODULATION
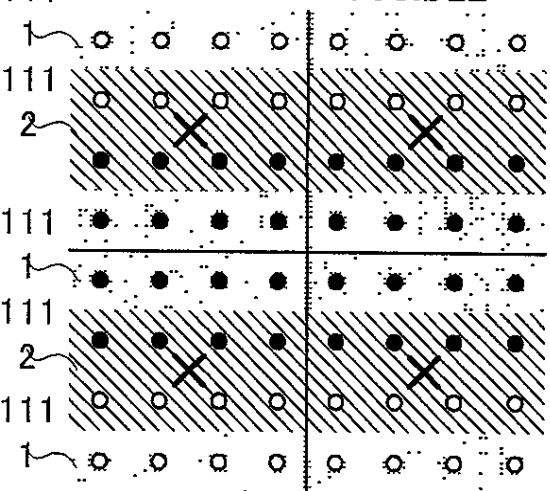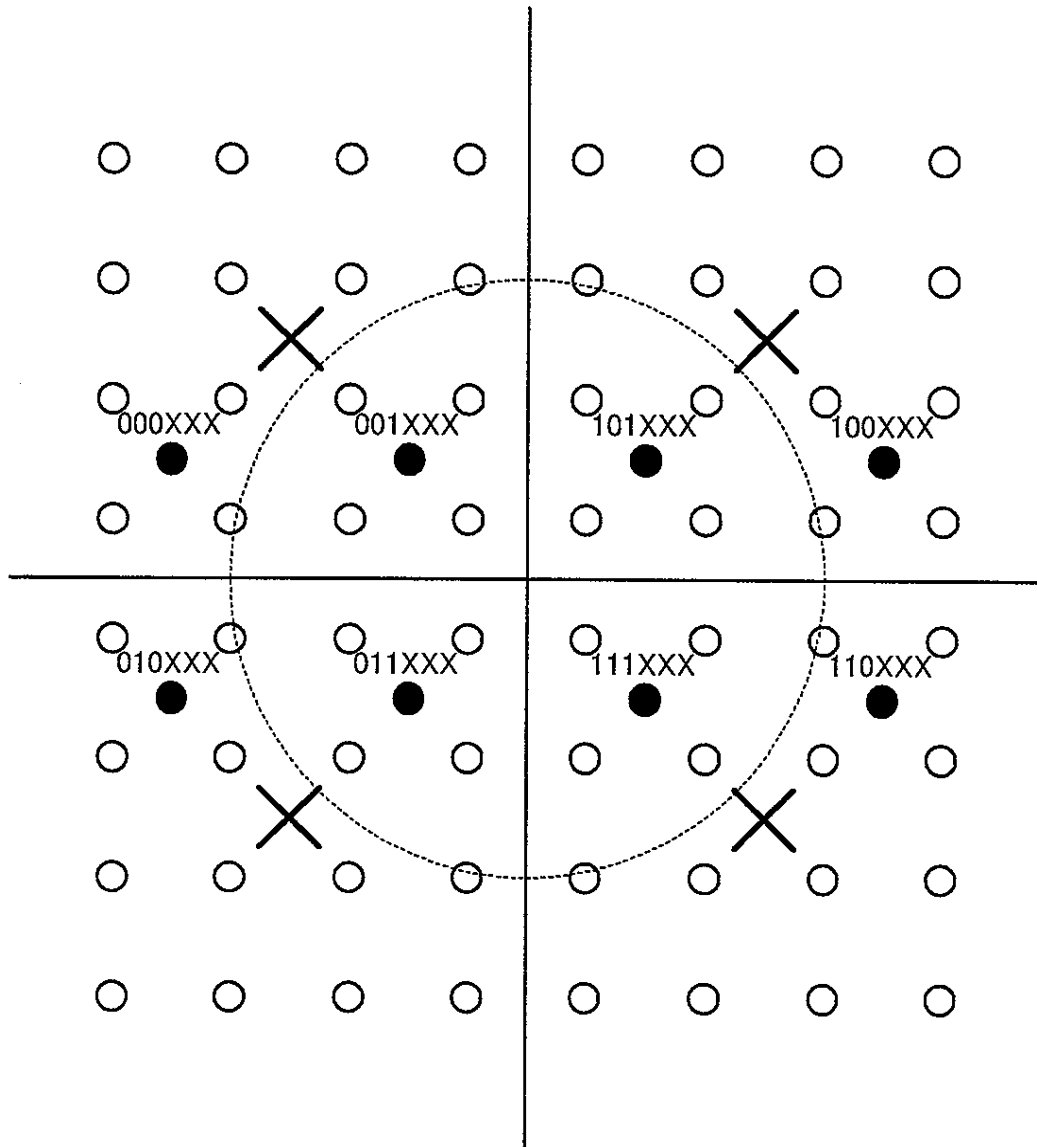OF S2 IS POSSIBLE

FIG.12D DEMODULATION
OF S3 IS IMPOSSIBLE

1109   1110 1109   1110 1109
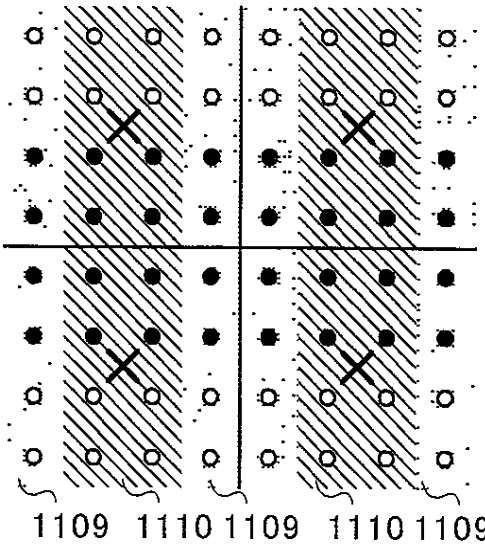
FIG 12E DEMODULATION

FIG 12F DEMODULATION

000XXX
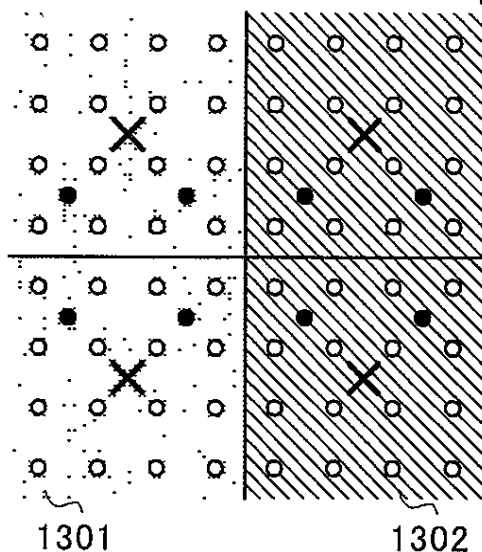001XXX
101XXX
100XXX
010XXX
011XXX
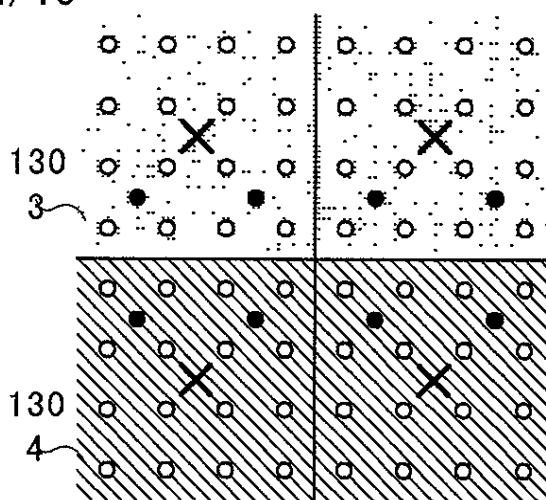111XXX
110XXX

FIG.13

FIG.14A DEMODULATION
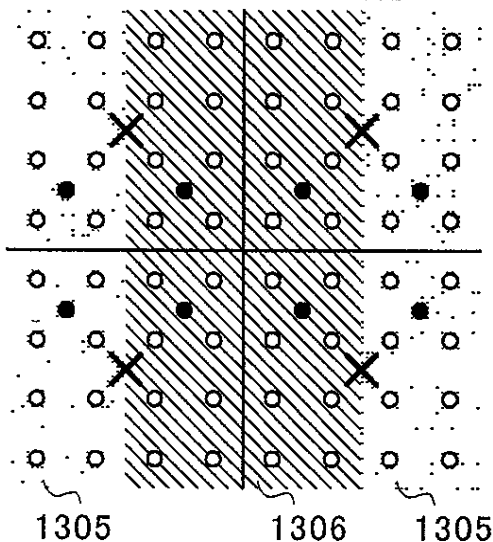OF S0 IS POSSIBLE

FIG.14B DEMODULATION
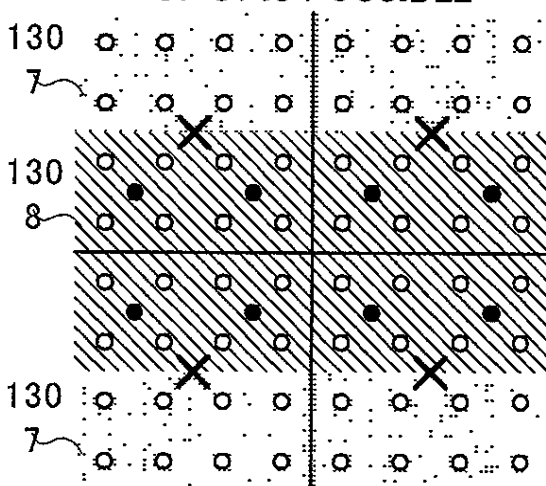OF S1 IS POSSIBLE

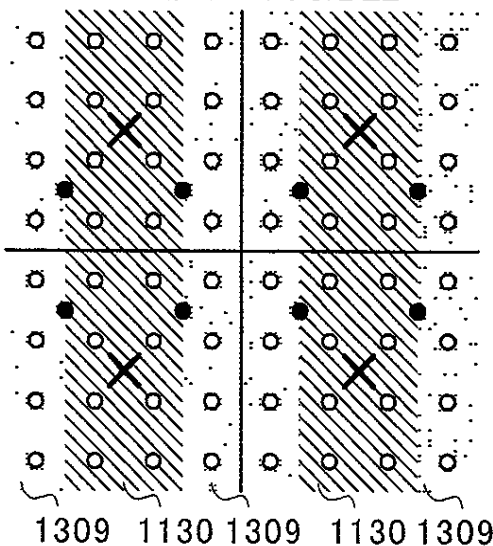FIG.14C DEMODULATION
OF S2 IS POSSIBLE

FIG.14D DEMODULATION
OF S3 IS IMPOSSIBLE

FIG 14E DEMODULATION

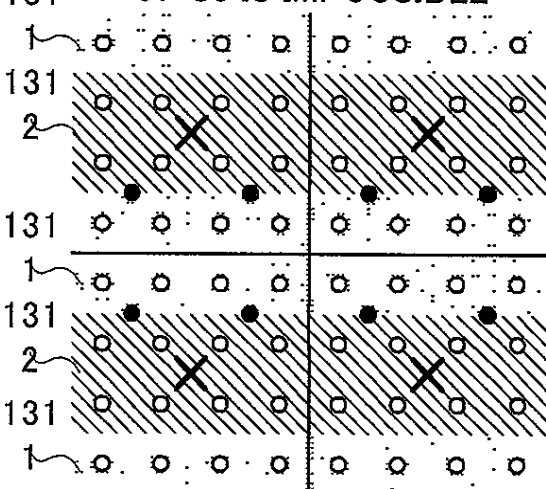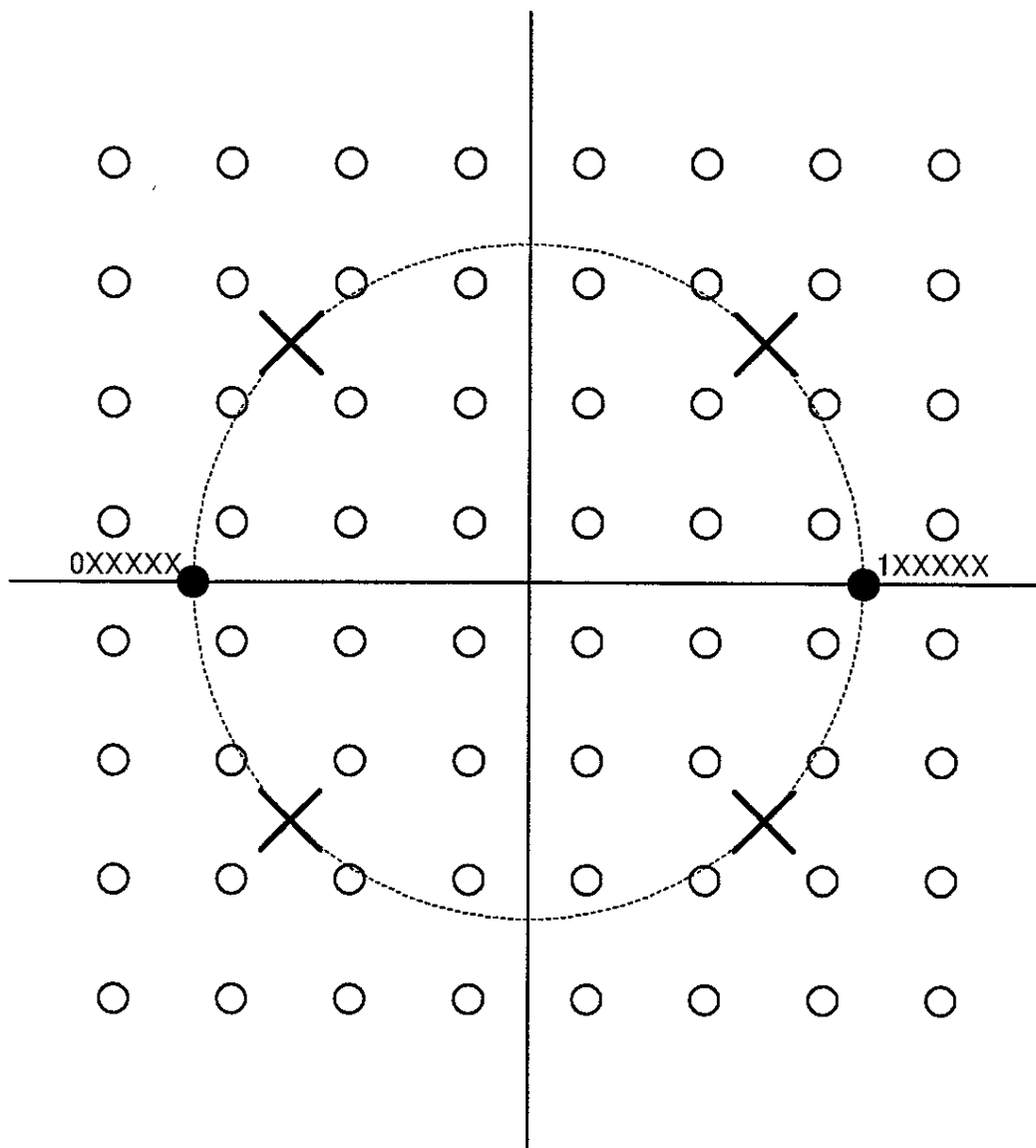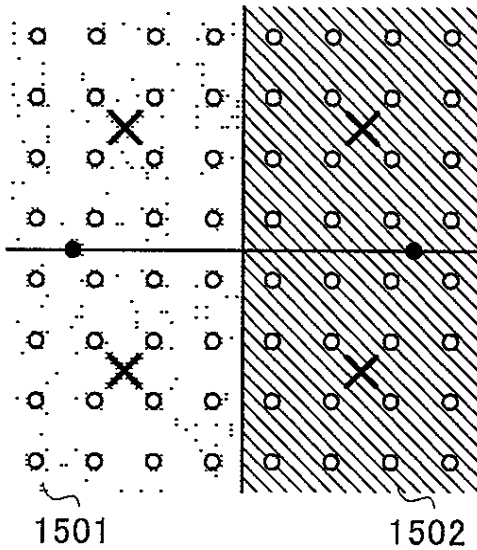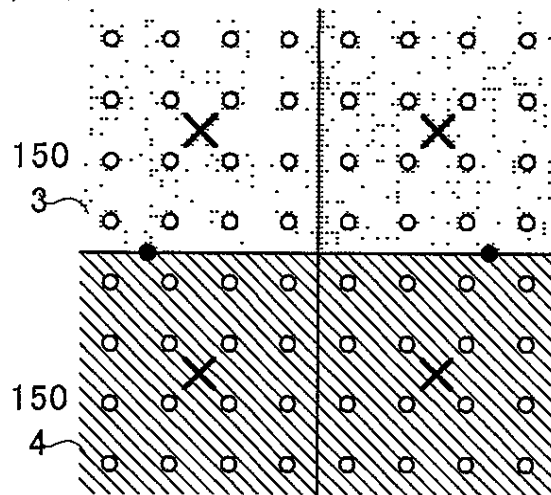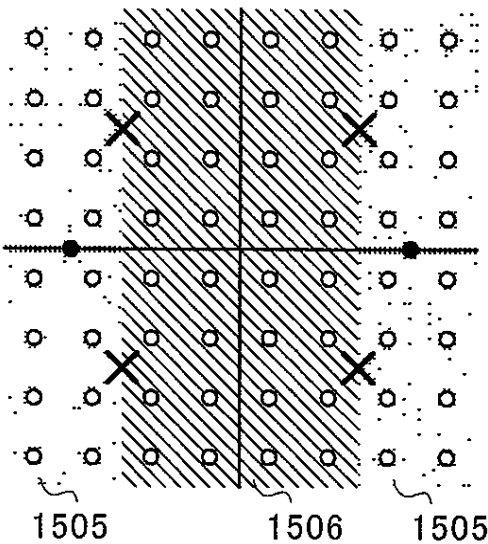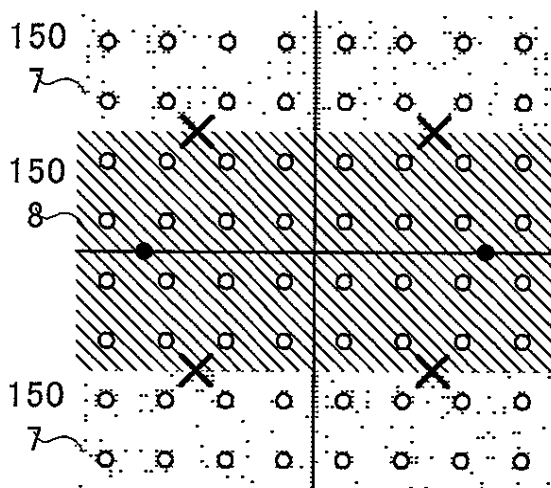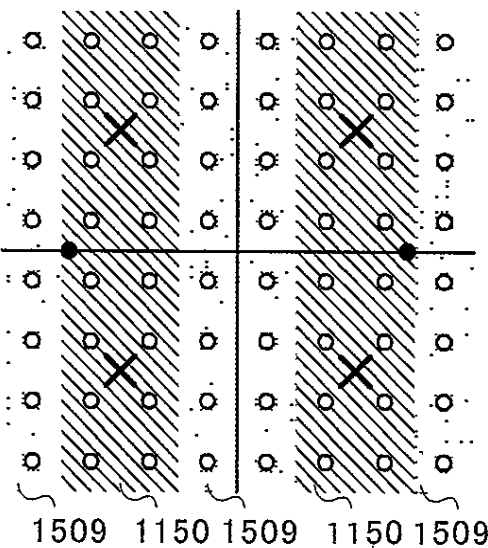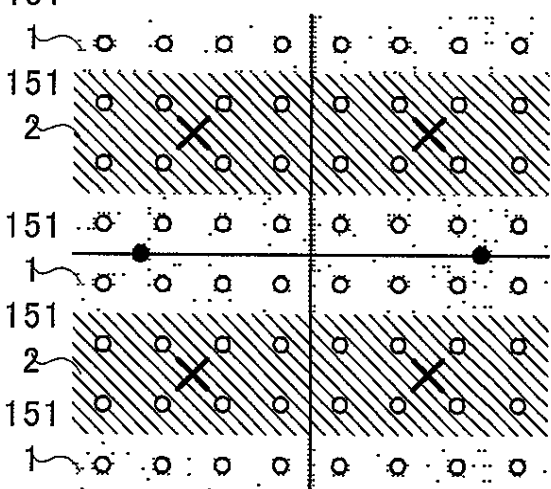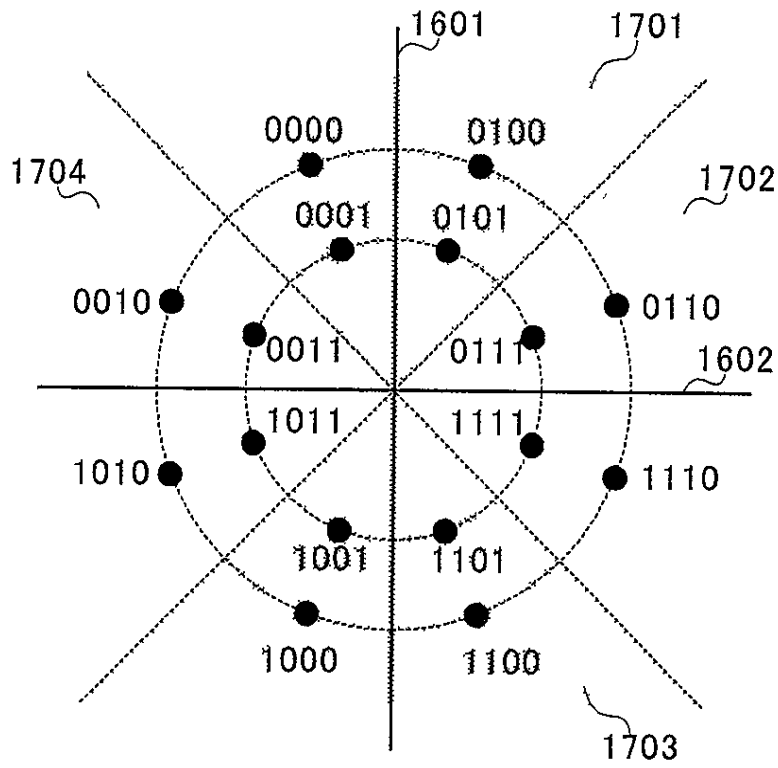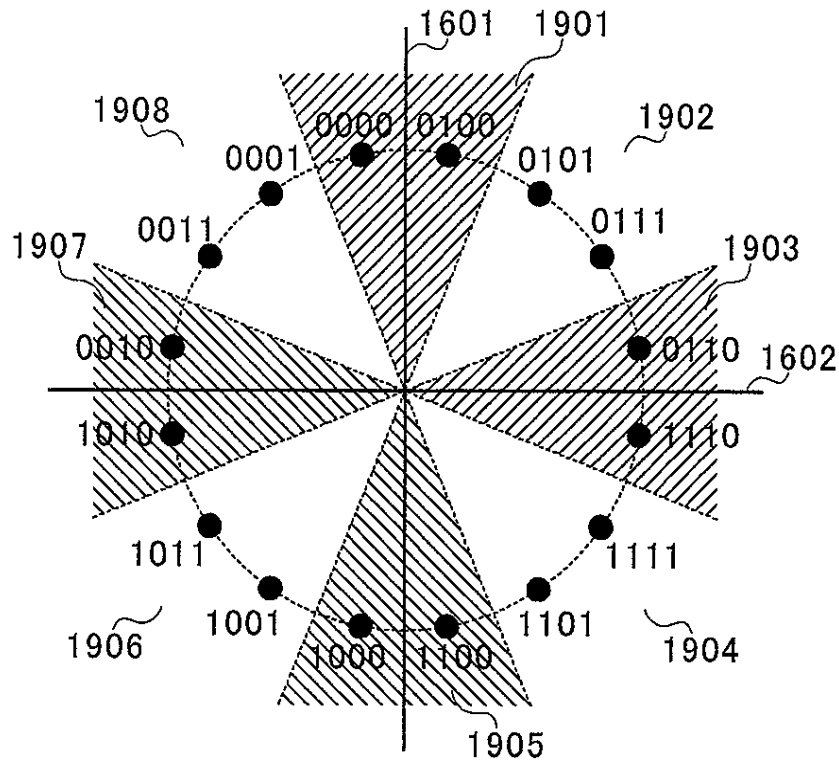FIG 14F DEMODULATION

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FIG.15

FIG.16A DEMODULATION
OF S0 IS POSSIBLE

1501   1502

FIG.16B DEMODULATION
OF S1 IS IMPOSSIBLE

1503

1504

FIG.16C DEMODULATION
OF S2 IS IMPOSSIBLE

1505   1506   1505

FIG.16D DEMODULATION
OF S3 IS IMPOSSIBLE

1507

1508

1507

FIG 16E DEMODULATION

1509 1150 1509 1150 1509

FIG 16F DEMODULATION

1511

1512

1511

1512

1511

FIG.17

FIG.18

FIG.19

FIG.20

FIG.21